

## Claims

1. A method for pairing objects for the purpose of copying data, comprising the steps:
  - selecting such pairs in a single view including graphical depictions of representations of storage resources; and
  - implementing checks and alert messages regarding such pairings based on predefined rules.
2. A method according to Claim 1, wherein said graphical depictions are side-by-side depictions in said single view of a logical configuration of the storage resources.
3. A method according to Claim 2, wherein said graphical depictions are hierarchical trees.
4. A method according to Claim 1, wherein:
  - the storage resources include a source subsystem having a multitude of source storage volumes, and a target subsystem having a multitude of target storage volumes; and
  - each of said pairs consists of one of the source storage volumes and one of the target storage volumes.
5. A method according to Claim 4, wherein the selecting step includes the steps of:
  - selecting a number of source storage volumes; and
  - selecting a number of target storage volumes; and wherein
  - one of said checks ensures that the number of selected source storage volumes is equal to the number of selected target storage volumes.

6. A method according to Claim 5, wherein:

the step of selecting a number of source storage volumes includes the step of identifying a set of source storage volumes;

the step of selecting a number of target storage volumes includes the step of identifying a set of target storage volumes; and

the implementing step includes the step of, if the number of source storage volumes in said set thereof is not equal to the number of target storage devices in said set thereof, then displaying a message for indicating that said sets have unequal numbers of storage devices.

7. A method according to Claim 1, wherein the implementing step includes the step of also implementing error handling based on said predefined rules.

8. A system for pairing objects for the purpose of copying data, comprising:

means for selecting such pairs in a single view including graphical depictions of representations of storage resources; and

means for implementing checks and alert messages regarding such pairings based on predefined rules.

9. A system according to Claim 8, wherein said graphical depictions are side-by-side depictions in said single view of a logical configuration of the storage resources.

10. A system according to Claim 8, wherein said graphical depictions are hierarchical trees.

11. A system according to Claim 8, wherein:

the storage resources include a source subsystem having a multitude of source storage volumes, and a target subsystem having a multitude of target storage volumes; and  
each of said pairs consists of one of the source storage volumes and one of the target storage volumes.

12. A system according to Claim 11, wherein the means for selecting includes:

means for selecting a number of source storage volumes; and  
means for selecting a number of target storage volumes; and wherein  
one of said checks ensures that the number of selected source storage volumes is equal to the number of selected target storage volumes.

13. A system according to Claim 12, wherein:

the means for selecting a number of source storage volumes includes means for identifying a set of source storage volumes;  
the means for selecting a number of target storage volumes includes means for identifying a set of target storage volumes; and  
the means for implementing includes means for displaying a message if the number of source storage volumes in said set thereof is not equal to the number of target storage devices in said set thereof, said message indicating that said sets have unequal numbers of storage devices.

14. A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for pairing objects for the purpose of copying data, said method steps comprising:

selecting such pairs in a single view including graphical depictions of representations of storage resources; and

implementing checks and alert messages regarding such pairings based on predefined rules.

15. A program storage device according to Claim 14, wherein said graphical depictions are side-by-side depictions in said single view of a logical configuration of the storage resources.

16. A program storage device according to Claim 15, wherein said graphical depictions are hierarchical trees.

17. A program storage device according to Claim 14, wherein:

the storage resources include a source subsystem having a multitude of source storage volumes, and a target subsystem having a multitude of target storage volumes; and

each of said pairs consists of one of the source storage volumes and one of the target storage volumes.

18. A program storage device according to Claim 17, wherein the selecting step includes the steps of:

selecting a number of source storage volumes; and

selecting a number of target storage volumes; and wherein

one of said checks ensures that the number of selected source storage volumes is equal to the number of selected target storage volumes.

19. A program storage device according to Claim 18, wherein:

the step of selecting a number of source storage volumes includes the step of identifying a set of source storage volumes;

the step of selecting a number of target storage volumes includes the step of identifying a set of target storage volumes; and

the implementing step includes the step of, if the number of source storage volumes in said set thereof is not equal to the number of target storage devices in said set thereof, then displaying a message for indicating that said sets have unequal numbers of storage devices.